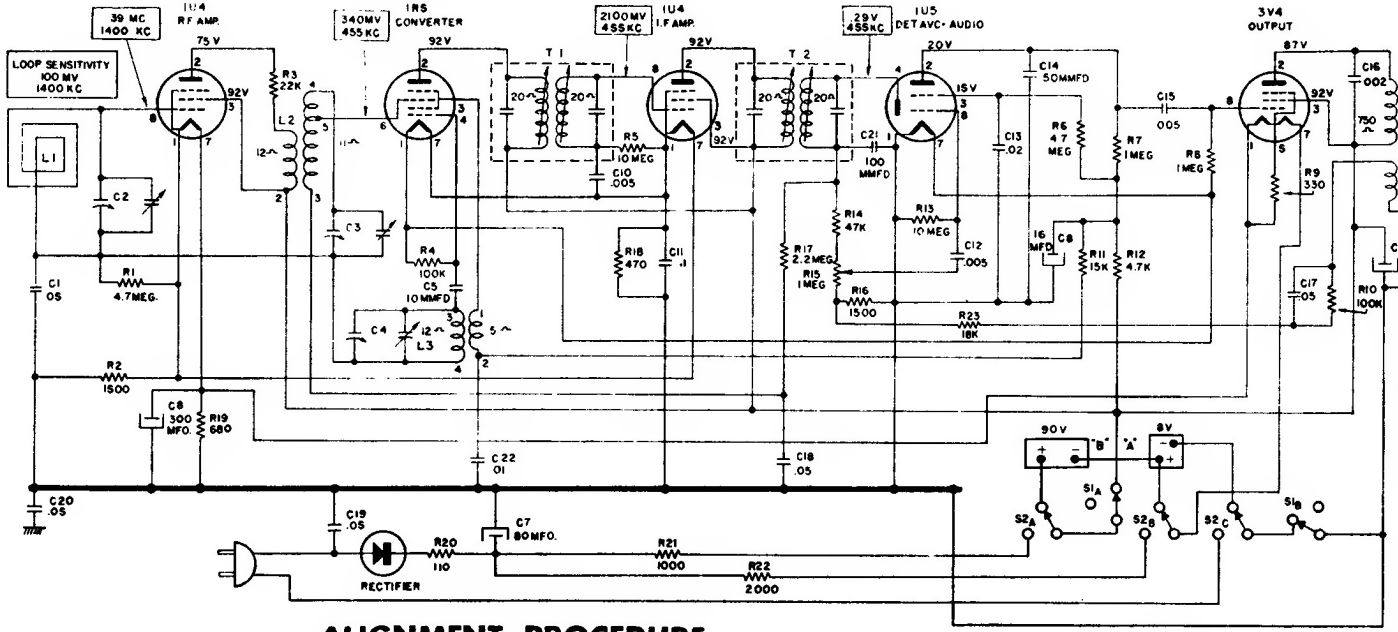

NOTES:
VALUES OF CAPACITORS IN MFD. UNLESS SHOWN OTHERWISE.
$S1_A, S1_B$ – SWITCH ON VOLUME CONTROL.
$S2_A, S2_B, S2_C$ – AC/DC & BATTERY SWITCH.
ALL VOLTAGES MEASURED FROM COMMON NEGATIVE USING A 20,000 OHM/VOLT METER. LINE VOLTAGE SET AT 117 V A.C. VOLTAGES SHOULD BE AS SHOWN ± 20 PER CENT.

ALIGNMENT PROCEDURE

Output meter reading to indicate 0.05 watt across voice coil ..... 0.4 v.
Generator ground lead connected ..... To B- through 0.1 mfd. capacitor
Generator modulation ..... 30% 400 cycles
Position of volume control ..... Fully on
Position of pointer with tuner fully closed ..... Center of pointer lined up with extreme left dot on dial backing plate.

Position of Tuner	Generator Freq.	Dummy Antenna	Generator Connection	Adjustments (in order shown)	Function	Max. Microvolts Input to produce .05 w. output
Min. Cap.	455 kc	0.1 mfd.	Pin #6 of 1U4 I-F Amp.	T2 (top and bottom)	I.F.	5000
Min. Cap.	455 kc	0.1 mfd.	Pin #6 of 1R5 Conv.	T1 (top and bottom)	I.F.	250
Min. Cap.	1610 kc	0.1 mfd.	Stator ant. tuner	C4	Osc.	
1400 kc	1400 KC	0.1 mfd.	Stator ant. tuner	C3	R.F.	30
1400 kc	1400 kc		Hazeltine Test Loop	C2	Loop	100

ALIGNMENT NOTES:

1. It is recommended that this set be connected to an isolation transformer when aligning on AC.
2. The alignment must be done in the order given above.
3. While making the above adjustments, keep the volume control set for maximum output and the signal generator output attenuated to avoid AVC action.

Location Of Parts Under Chassis